

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-015679**Date Inspected:** 13-Jul-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1500**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** N / A**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Orthotropic Box Girders**Summary of Items Observed:**

The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

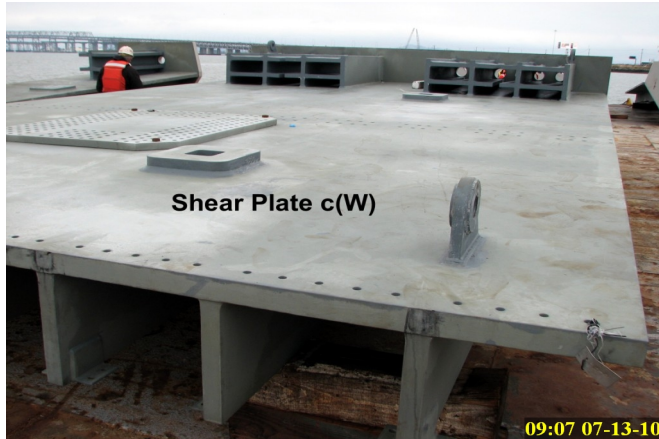
The QAI observed ABF activities at the Pier 7 location. The QAI noted that ABF personnel are welding on barges and other job related equipment. The QAI also noted that the contractor is assembling parts and unloading the 1st tower shipment onto barges at Pier 7. The QAI did not observe any personnel working on bridge components.

The QAI reviewed contract related documents including the submitted and approved Welding Quality Control Plan (WQCP) and approved revisions to the WQCP and newly issued ABFJV non-conformance reports. The QAI continued reviewing the contractor's welding reports and consolidating the information to identify missing reports of inspections. The QAI continued generating a weld specific tracking list from the submitted reports.

The QAI accompanied Caltrans Engineer Doug Wright, the QAI Lead Bill Levell, the QAI Robert Mertz, ABF Quality Control (QC) Manager Jim Bowers and the QC Inspector Mike Johnson during the post-arrival inspection of the 1st tower shipment. The items presented by ABF for examination included the tower shear plates. The parts were located on 2 barges stationed at Pier 7. The QAI noted that minor paint damage was visible on the shear plates and there was no other apparent shipping damage. See the attached photos. The QAI supplied this information to the QAI Lead Bill Levell.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)



Summary of Conversations:

The QAI had general conversations with ABF and Caltrans personnel during this shift. The QAI relayed the status of the submittal status and tracking status to the QAI Lead Bill Levell. The QAI was informed that when a comprehensive tracking status is established, there will be coordination with ABF's Quality Control personnel to resolve and supply reports that have not been submitted at this time. Except as described above, there were no other notable conversations or observations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mohammad Fatemi, (916)813-3677, who represents the Office of Structural Materials for your project.

| | | |
|----------------------|--------------|-----------------------------|
| Inspected By: | Croff, Scott | Quality Assurance Inspector |
| Reviewed By: | Levell, Bill | QA Reviewer |
